Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	((thin adj film) same (film adj layer) same cavities).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:18
L2	132	((thin adj film) and (film adj layer) and cavities).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:19
L3	107	L2 not L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:25
L4	1814	(("70" "71" "72" "73" "74") near2 (thin adj film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:27
L5	240	((4 "5" "6") near2 (cavities)) same (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:27
L6	87	((("70" "71" "72" "73" "74") near2 (thin adj film))) and (optical adj (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:27
L7	6	(((4 "5" "6") near2 (cavities)) same (thin adj film)) and (optical adj (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 15:34
L22	18604	(thin adj film) same (number with (layer or film or stacks))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:10

L23	6425	(thin adj film) same (number with layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:08
L24	3289	(thin adj film) with (number with layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:08
L25	944	L22 and (optical with (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:08
L26	380	L25 and (interleaver or multiplex$3 or demultiplex$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:10
L27	496	(thin adj film) same (number with (layer or film or stacks) with range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:10
L28	19	L27 and (interleaver or multiplex$3 or demultiplex$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:10
L29	0	("2004/0258107").URPN.	USPAT	OR	ON	2005/07/13 16:13
S1	19	((("6813414") or ("6674968") or ("6373604") or ("6850364") or ("6704469") or ("6282025") or ("6850364") or ("6694066") or ("6658180") or ("6788852") or ("6882764") or ("6876805") or ("6671086") or ("6798568") or ("6845191") or ("6836581") or ("6684002") or ("6331913") or ("6859316") or ("6373631")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/12 16:08

S2	8	S1 and (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 16:33
S3	18	(("5937116") or ("6342960") or ("20040018019") or ("5812306") or ("5652814") or ("5754718") or ("6388783") or ("6256433") or ("6512615") or ("20030053747") or ("6275322") or ("20020118417") or ("20030123827") or ("6486988") or ("6735365") or ("5719989") or ("6018421") or ("6611378")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/13 09:23
S4	7	(("20030169507") or ("6167171") or ("5812306") or ("5652814") or ("5754718") or ("6388783") or ("20040109235")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/13 09:29
S5	13	(S3 or S4) and (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 09:42
S6	773	((fiber or fibre) same collimat$4) and ((thin adj film) same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 09:43
S7	246	((fiber or fibre) same collimat$4) and ((thin adj film) same substrate) and ((index or indicies) near2 refraction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 09:44
S8	17	((fiber or fibre) same collimat$4) and ((thin adj film) same substrate same spacer) and ((index or indicies) near2 refraction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 09:44

| S9 | 266 | ("20020131176" \| "3387531" \| "3551017" \| "3697153" \| "3759604" \| "3914023" \| "3929398" \| "3944330" \| "4009453" \| "4112361" \| "4197008" \| "4229066" \| "4253728" \| "4342502" \| "4394069" \| "4415233" \| "4444469" \| "4504950" \| "4531838" \| "4582431" \| "4591231" \| "4663557" \| "4666250" \| "4702549" \| "4747666" \| "4778251" \| "4793669" \| "4813756" \| "4832448" \| "4861136" \| "4896948" \| "4904044" \| "4909631" \| "4947223" \| "5002730" \| "5027178" \| "5035485" \| "5056887" \| "5062684" \| "5071206" \| "5073004" \| "5082629" \| "5103340" \| "5132826" \| "5138222" \| "5144471" \| "5144498" \| "5144632" \| "5150236" \| "5166755" \| "5179468" \| "5181143" \| "5212584" \| "5218473" \| "5233464" \| "5241417" \| "5245474" \| "5255332" \| "5274661" \| "5280549" \| "5287214" \| "5297155" \| "5303165" \| "5331651" \| "5343542" \| "5345328" \| "5355217" \| "5392117" \| "5408555" \| "5410431" \| "5416867" \| "5425115" \| "5425964" \| "5426532" \| "5479082" \| "5491764" \| "5500763" \| "5506731" \| "5532864" \| "5557439" \| "5557442" \| "5563733" \| "5583683" \| "5606439" \| "5608743" \| "5625492" \| "5631765" \| "5633741" \| "5638473" \| "5652675" \| "5719989" \| "5760391" \| "5760910" \| "5760934" \| "5781341" \| "5784507" \| "5799121" \| "5809190" \| "5835517" \| "5850292" \| "5872655" \| "5889592" \| "5889904" \| "5900983" \| "5909303" \| "5912762" \| "5923429" \| "5923470" \| "5926317" \| "5956441" \| "5991023" \| "5991027" \| "5999267" \| "5999322" \| "6002479" \| "6011652" \| "6014256" \| "6031653" \| "6034772" \| "6040932" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 10:25 |

S10	19	(("6813414") or ("6674968") or ("6373604") or ("6850364") or ("6704469") or ("6282025") or ("6850364") or ("6694066") or ("6658180") or ("6788852") or ("6882764") or ("6876805") or ("6671086") or ("6798568") or ("6845191") or ("6836581") or ("6684002") or ("6331913") or ("6859316") or ("6373631")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/13 10:25
S11	18	(("5937116") or ("6342960") or ("20040018019") or ("5812306") or ("5652814") or ("5754718") or ("6388783") or ("6256433") or ("6512615") or ("20030053747") or ("6275322") or ("20020118417") or ("20030123827") or ("6486988") or ("6735365") or ("5719989") or ("6018421") or ("6611378")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/13 10:25
S12	7	(("20030169507") or ("6167171") or ("5812306") or ("5652814") or ("5754718") or ("6388783") or ("20040109235")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/13 10:25
S13	17	((fiber or fibre) same collimat$4) and ((thin adj film) same substrate same spacer) and ((index or indicies) near2 refraction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 10:25
S14	260	S9 not (S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:28
S15	246	((fiber or fibre) same collimat$4) and ((thin adj film) same substrate) and ((index or indicies) near2 refraction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 10:25
S16	2	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 10:25

S17	251	(S15 S14) and ((fiber or fibre) same collimat$4) and ((thin adj film) same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 10:46
S18	253	(S15 S14) not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 10:46
S19	0	("2004/0109635").URPN.	USPAT	OR	ON	2005/07/13 10:56
S20	0	("2004/0109235").URPN.	USPAT	OR	ON	2005/07/13 10:56
S21	0	("2005/0078909").URPN.	USPAT	OR	ON	2005/07/13 11:02
S22	0	S15 not (S10 S11 S12 S13 S17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:03
S23	253	S14 not (S10 S11 S12 S13 S17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:03
S24	253	S18 not (S10 S11 S12 S13 S17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:05
S25	17	S24 and (fiber or fibre) and collimat$4 and (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:29

| S26 | 240 | ("20020003643" \| "20020126291" \| "20020131176" \| "3403260" \| "3551017" \| "3614188" \| "3623797" \| "3697153" \| "3697182" \| "3703640" \| "3759604" \| "3914023" \| "3949259" \| "3953727" \| "4001577" \| "4009453" \| "4229066" \| "4253728" \| "4504950" \| "4531838" \| "4548478" \| "4582431" \| "4663557" \| "4666250" \| "4747666" \| "4778251" \| "4793669" \| "4813756" \| "4832448" \| "4909631" \| "4947223" \| "4949005" \| "5023944" \| "5027178" \| "5035485" \| "5071206" \| "5111321" \| "5138219" \| "5138222" \| "5144498" \| "5144632" \| "5179468" \| "5181143" \| "5212584" \| "5212745" \| "5233464" \| "5241417" \| "5245474" \| "5266238" \| "5274661" \| "5287214" \| "5345328" \| "5355217" \| "5397739" \| "5410431" \| "5425115" \| "5425964" \| "5426532" \| "5463494" \| "5579420" \| "5583683" \| "5606439" \| "5608743" \| "5625492" \| "5631765" \| "5666225" \| "5719989" \| "5751466" \| "5777793" \| "5781268" \| "5786915" \| "5835517" \| "5859717" \| "5859940" \| "5889592" \| "5909303" \| "5917626" \| "5923429" \| "5926317" \| "5999267" \| "5999322" \| "6011652" \| "6014485" \| "6018421" \| "6028693" \| "6034772" \| "6040932" \| "6041071" \| "6046854" \| "6061171" \| "6067391" \| "6115180" \| "6115401" \| "6117530" \| "6137575" \| "6157490" \| "6208466" \| "6432471" \| "6481369" \| "6567430").PN. OR ("2003/0147136" \| "4244045" \| "6115401" \| "6215592" \| "6219481" \| "6269202" \| "6490381" \| "6611378" \| "6658172").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 11:28 |

S27	221	S26 not (S10 S11 S12 S13 S17 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:29
S28	23	S27 and (fiber or fibre) and collimat$4 and (thin adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 11:29
S29	0	(interleaver same collimator same substrate same (thin adj film)). clm.	US-PGPUB	OR	ON	2005/07/13 14:20
S30	2	(collimator same substrate same (thin adj film)).clm.	US-PGPUB	OR	ON	2005/07/13 14:20

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Shiraishi, K.; Yoda, H.; Tamura, Y.; Kawasaki, N.;
Lightwave Technology, Journal of
Volume 23, Issue 4, April 2005 Page(s):1774 - 1780

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☐ 2. **Integrated optical device with second-harmonic generator, electrooptic lens, and scanner in LiTaO$_3$**
Yi Chiu; Gopalan, V.; Kawas, M.J.; Schlesinger, T.E.; Stancil, D.D.; Risk, W.P.;
Lightwave Technology, Journal of
Volume 17, Issue 3, March 1999 Page(s):462 - 465

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☐ 3. **Micromechanical fiber-optic attenuator with 3 μs response**
Ford, J.E.; Walker, J.A.; Greywall, D.S.; Goossen, K.W.;
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Volume 16, Issue 9, Sept. 1998 Page(s):1663 - 1670

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☐ 4. **Surface micromachined integrated optic polarization beam splitter**
Chuan Pu; Zuhua Zhu; Yu-Hwa Lo;
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☐ 5. **Integrated magnetooptic Bragg cell modulator in yttrium iron garnet-gadolinium taper waveguide and applications**
Wang, C.L.; Tsai, C.S.;
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Broadband Optical Networks and Technologies: An Emerging Reality/Optical MEMS/Si
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Wang Lin; Wang Dan; Wang Junyong;
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☐   2. **A chaotic interleaver used in turbo codes**
Hongyu Zhang; Lin Wang; Qingsheng Yuan; Hongxia Wang; Juebang Yu;
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☐   3. **Efficient structure for optical interleavers using superimposed chirped fiber Brag**
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☐   4. **All-fiber 3 /spl times/ 3 interleaver design with flat-top passband**
Qijie Wang; Ying Zhang; Yeng Chai Soh;
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☐ 7. **Novel techniques to improve downlink multiple access capacity for Beyond 3G**
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Volume 43, Issue 1, Jan. 2005 Page(s):61 - 69

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☐ 8. **On the code and interleaver design of broadband OFDM systems**
Xiao-Feng Wang; Shayan, Y.R.; Mao Zeng;
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☐ 9. **Achievable information rates and coding for MIMO systems over ISI channels an**
selective fading channels
Zheng Zhang; Duman, T.M.; Kurtas, E.M.;
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☐ 10. **On the better protection of short-frame turbo codes**
Zhipei Chi; Zhongfeng Wang; Parhi, K.K.;
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☐ 11. **Peak-to-average power ratio analysis in multicarrier DS-CDMA**
Xi-Kai Zhao; Xian-Da Zhang;
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Zhongfeng Wang; Parhi, K.K.;
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☐ 13. **Flat-top interleavers using two Gires-Tournois etalons as phase-dispersive mirrc**
Michelson Interferometer
Chao-Hsing Hsieh; Ruibo Wang; Wen, Z.J.; McMichael, I.; Yeh, P.; Chao-Wei Lee; Wo
Photonics Technology Letters, IEEE
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☐ 14. **LDPC-based space-time coded OFDM systems over correlated fading channels:**
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Lu, B.; Xiaodong Wang; Narayanan, K.R.;
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Yang, H.; Zhong, Y.; Yang, L.;
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16. **Improving performance of multi-user OFDM systems using bit-wise interleaver**
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Volume 37, Issue 19, 13 Sept. 2001 Page(s):1173 - 1174
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17. **Class of turbo code interleavers based on divisibility**
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19. **Influence of interleaver on minimum turbo code distance**
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20. **Interleaver design for turbo codes**
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21. **On the performance of turbo codes**
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23. **On the burst properties of P-TC8PSK decoder**
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24. **Improving faded turbo code performance using biased channel side information**
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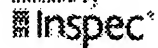AbstractPlus | Full Text: PDF(336 KB)   IEEE CNF

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Information Theory and Networking Workshop, 1999
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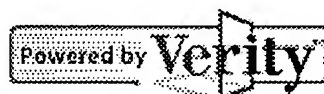**77%** 2. ☐ **Visible/long-wave infrared dichroic beamsplitter**
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